

**BOILER TEST CONDITIONS SUMMARY****IGS Unit 1 Boiler Overfire Air System and SH Platen Extension POST- OUTAGE Testing**TEST # DATE & TIMELOAD MV TEST CONDITIONS**WEEK 1**

State of Utah Required Testing (to demonstrate no increase in CO due to installation of Overfire Air System)

				OFA%	O2%
Day 1	04/28/2003 Mon	7:00- 19:00	875 <b>No Westridge Coal</b>	0%	2.5
			Pulv U1 H o/s	10%	2.5
			(@expected operation of OFA s	15%	3.0

OFA Diagnostics Testing (to determine best spot to operate and develop control curves)

Each test point needs 2 hours, allowing ½ to 1 hour between test points to lower O2, pull fly ash and sootblow for temperatures

				OFA%	O2%
Day 2	04/29/2003 Tues	7:00- 19:00	950 <b>No Westridge Coal</b>	0%	3.5, 3.0, 2.5, 2.0, 1.5
			Pulv U1 H o/s		
Day 3	04/30/2003 Wed	7:00- 19:00	950 see- Operation Test Setup	5%	3.5, 3.0, 2.5, 2.0
Day 4	05/01/2003 Thurs	7:00- 19:00	950	10%	3.5, 3.0, 2.5, 2.0
Day 5	05/02/2003 Fri	7:00- 19:00	950	15%	3.5, 3.0, 2.5, 2.0
				15%	3.0 TEST GRID PROFILE

**NOTE:** U1 Boiler Tube Leak Maint Outage (tentatively scheduled 5/3-4/03)**WEEK 2**

OFA Diagnostics Testing w/ Westridge Blends (to determine best spot to operate and develop control curves)

Each test point needs 2 hours, allowing ½ to 1 hour between test points to lower O2, pull fly ash and sootblow for temperatures

				OFA%	O2%
Day 6	05/05/2003 Mon	7:00- 19:00	950 <b>Westridge Coal Blend 25%</b>	0%	2.5
			Pulv U1 H o/s	10%	3.5, 3.0, 2.5
				15%	3.5, 3.0
Day 7	05/06/2003 Tues	7:00- 19:00	950 <b>Westridge Coal Blend 25%</b>	0%	2.5 TEST GRID PROFILE
			Pulv U1 H o/s	15%	3.0 TEST GRID PROFILE
Day 8	05/07/2003 Wed	7:00- 19:00	950 <b>Westridge Coal Blend 50%</b>	0%	2.5
			Pulv U1 E or D o/s (upper row)	10%	3.5, 3.0, 2.5
				15%	3.5, 3.0

**OFA & PLATEN EXTENSION ACCEPTANCE TESTING**

Day 9	05/08/2003 Thur	7:00- 19:00	950 <b>Westridge Coal Blend 25%</b>	10- 15%	2.5
			Pulv U1 E or D o/s (upper row)		
			Pulv U1 B or G o/s (bottom row)		
Day 10	05/09/2003 Fri	7:00- 19:00	950 <b>Westridge Coal Blend 25%</b>	10- 15%	2.5 (backup test day)
			Pulv U1 E or D o/s (upper row)		
			Pulv U1 B or G o/s (bottom row)		

**NOTE:** Although we did not BID these tests, we did collect operating info with 100% Westridge Coal.**ENVIRONMENTAL TESTING- H2SO4 Testing (required for Unit 3 Permitting Issues)**

Utilize coal samples from "as fired" coal sampler and ISG routine fly ash samples

04/22/2002 Tues	7:30- 19:30	950	<b>Westridge Coal 100%</b>	Shakedown Tests	
04/23/2002 Wed	7:30- 19:30	950	<b>Westridge Coal 100%</b>	15%	3.0
04/24/2002 Thur	7:00- 19:30	950	<b>Westridge Coal 100%</b>	15%	3.0
04/25/2002 Friday		900	<b>Westridge Coal 50%</b>	15%	3.0